

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,203,138 B2  
APPLICATION NO. : 10/691317  
DATED : April 10, 2007  
INVENTOR(S) : Sano et al.

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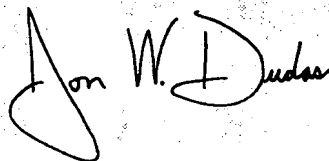
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 68, lines 40-41, "calculate by adding a reducing" should read  
-- calculate by adding or reducing --.

Column 68, line 63, "based an the signals" should read --based on the signals--.

Signed and Sealed this

Twenty-third Day of October, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*